

*A. Jones*  
#1018  
10/8/02

PATENT

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TECHNOLOGY CENTER 2800

Docket No.: 10473-784



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Dennis G. THIBEDEAU, et al. ✓

Serial No.: 09/888,385 ✓

Group Art Unit: 2858 ✓

Filed: June 26, 2001 ✓

Examiner: HE, Amy ✓

For: ALTERNATOR TESTING METHOD AND SYSTEM USING RIPPLE  
DETECTION ✓

AMENDMENT

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The following amendment and remarks are submitted in response to the Official  
Action mailed July 31, 2002.

IN THE ABSTRACT

Please amend the abstract as follows:

A method and system for evaluating the operation of an alternator based on a frequency component in the alternator output signal. The method detects a frequency component of the alternator output signal, and compares the frequency component of the alternator output signal with a threshold frequency. The operation of the alternator is evaluated based on a result of the comparison. If the frequency component of the alternator output signal is lower than the threshold frequency, the alternator is determined as defective. The frequency component can be obtained by comparing the alternator

*B*

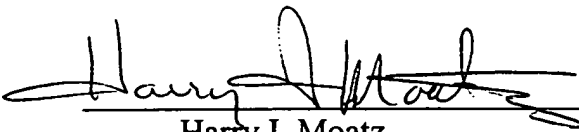
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UNITED STATE PATENT AND TRADEMARK OFFICE**

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**Expires: June 24, 2003**

  
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Harry I. Moatz  
Director of Enrollment and Discipline